

10/548403

Atty. Dkt. No. 030307-0266

JC17 Rec'd PCT/PTO 08 SEP 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marie Bendix HANSEN et al.
Title: METHOD FOR HIGH THROUGHPUT VOLUMES IN THE
FRACTIONATION OF BIO-MOLECULES BY
CHROMATOGRAPHIC SYSTEMS
Int'l. Appl. No.: PCT/DK2004/000187
Int'l. Filing Date: 3/19/2004
Examiner: Unassigned
Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of the documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of the documents herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

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RELEVANCE OF EACH DOCUMENT

The documents being cited in the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding international application. A copy of the International Search Report is attached setting forth the portion of these documents considered relevant by the examiner. A copy of the documents cited in the Search Report is not being submitted herewith.

Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 7 September 2005

By Stephen A. Bent

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: September 8, 2005

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

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|------------------------|---------------------|
| Application Number | Unassigned |
| Filing Date | September 8, 2005 |
| First Named Inventor | Marie Bendix HANSEN |
| Group Art Unit | Unassigned |
| Examiner Name | Unassigned |
| Attorney Docket Number | 030307-0266 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|---|---|
| | | Number | Kind Code ² (if known) | | | |
| | A1 | 5 719 053 A | | Jimmie K NOFFSINGER et al. | 2/17/1998 | |
| | A2 | 5 986 063 | | Mark R. ETZEL | 11/16/1999 | |
| | A3 | 6 498 236 B1 | | Marie Bendix HANSEN et al. | 12/24/2002 | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | A4 | | WO 02/096215 A | | UPFRONT CHROMATOGRAPHY AS et al. | 12/5/2002 | | |
| | A5 | | GB 1 363 783 A | | J.A. MEGGLE et al. | 8/14/1974 | | |
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
|--------------------|-----------------------|--|----------------|
| | A7 | International Search Report of PCT/DK2004/000187. | |
| | A8 | F. ANSPACH BIRGER et al., "Expanded-bed chromatography in primary protein purification", JOURNAL OF CHROMATOGRAPHY A, vol. 865, no. 1-2, December 31, 2000 pp. 129-144. | |
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Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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